20020018589

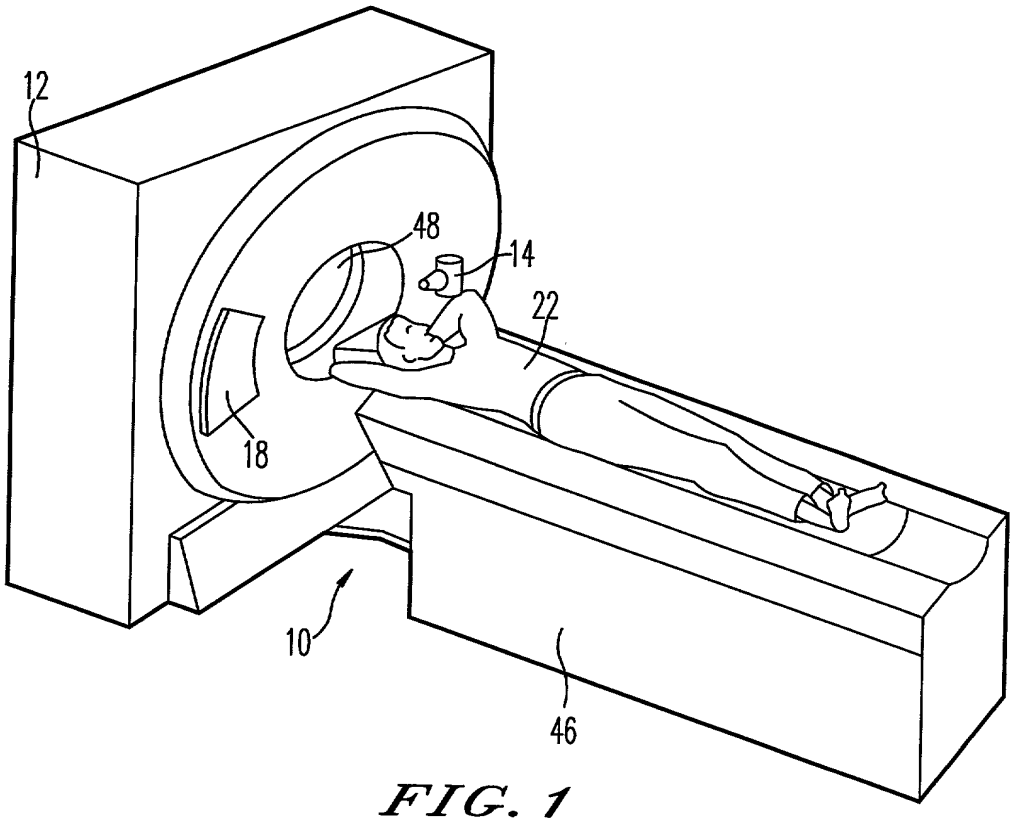



FIG. 1

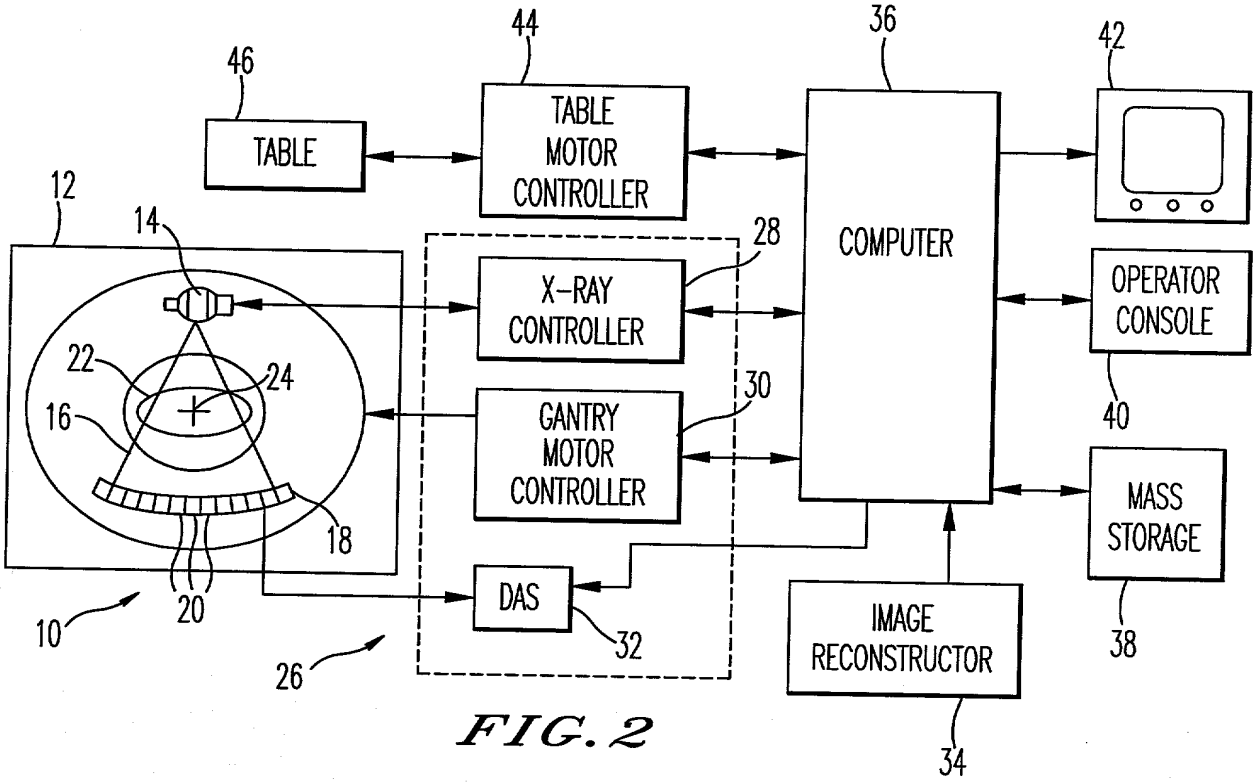



FIG. 2

20020730-0TC0660





FIG. 3A

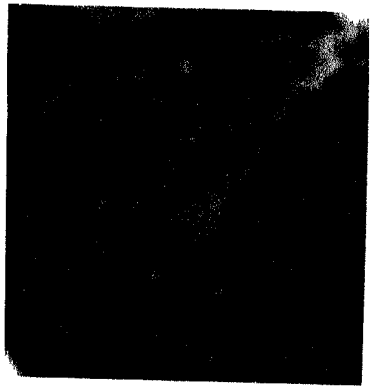


FIG. 3B

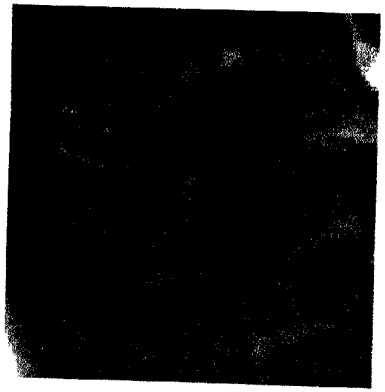


FIG. 3C



FIG. 3D

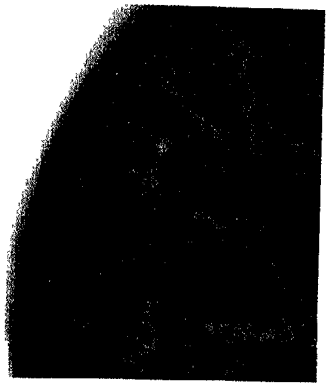


FIG. 3E



FIG. 3F

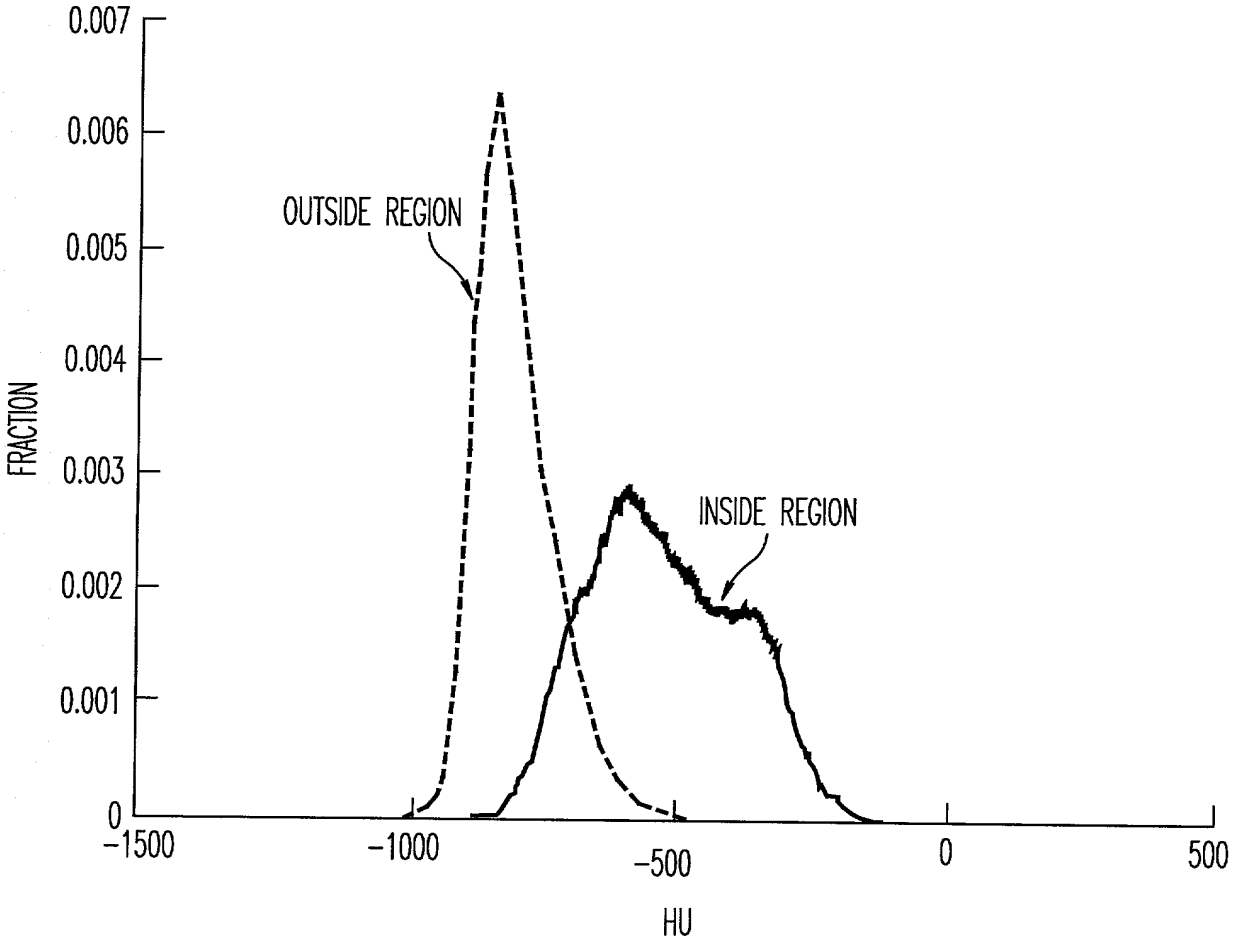

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
FRACTION
OUTSIDE REGION
INSIDE REGION
−1500
−1000
−500
0
500
HU

FIG. 4A

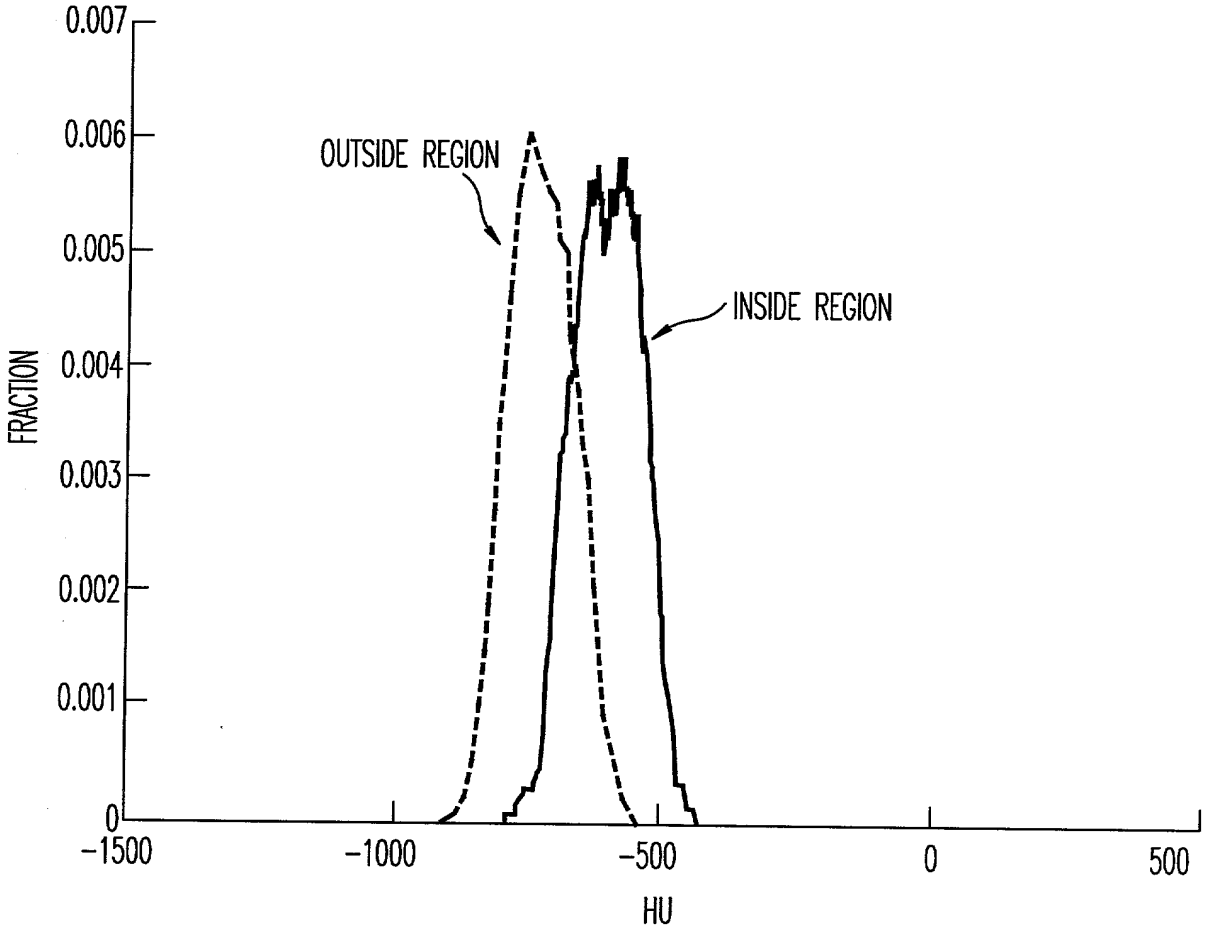

0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
FRACTION
OUTSIDE REGION
INSIDE REGION
−1500
−1000
−500
0
500
HU

*FIG. 4B*

2808US-20

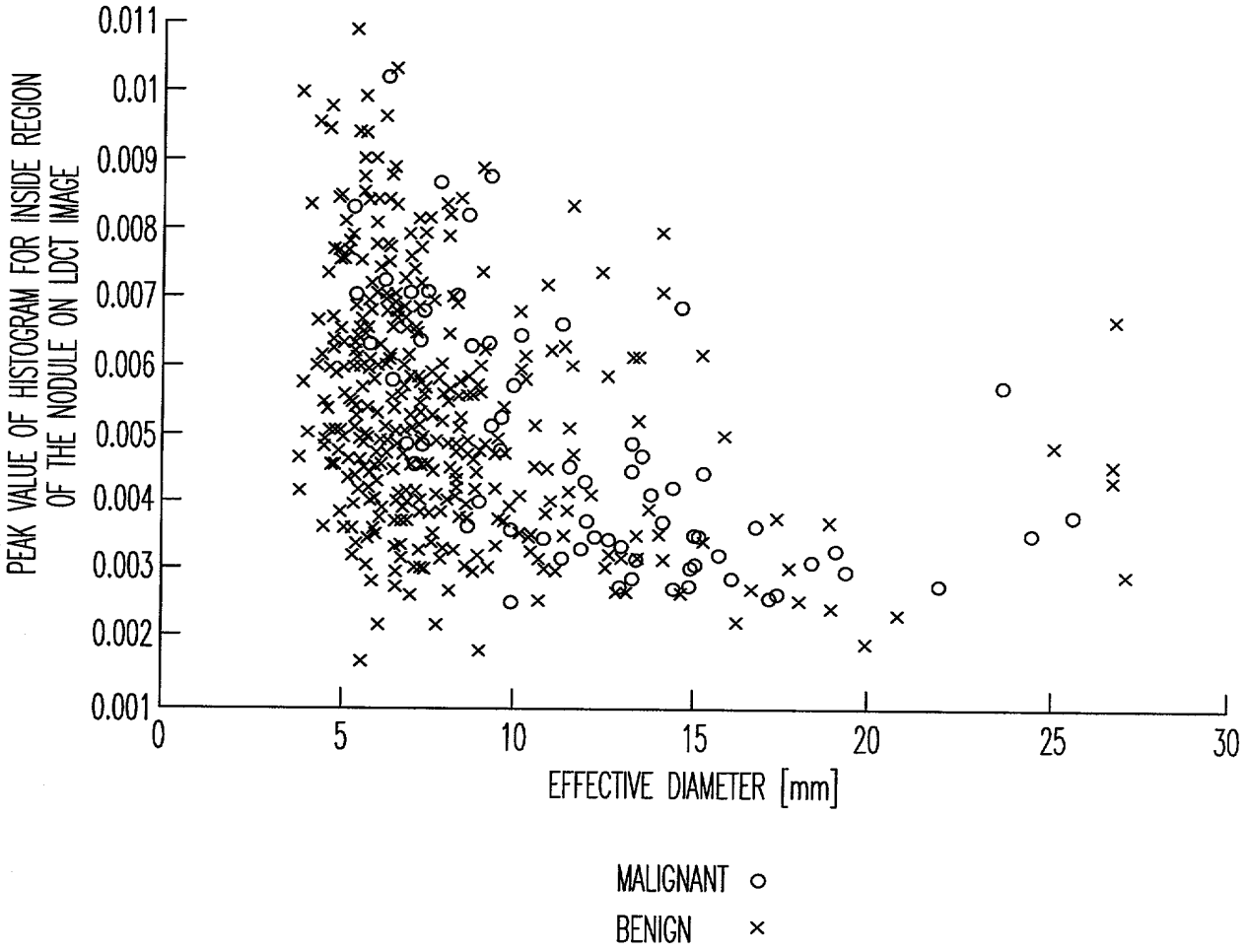



*FIG. 5*

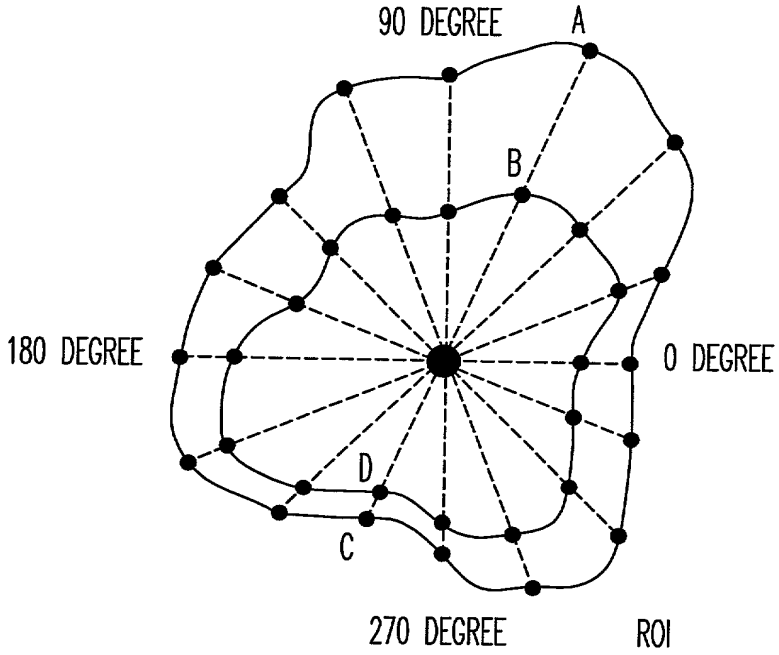

90 DEGREE
A
B
180 DEGREE
0 DEGREE
D
C
270 DEGREE
ROI

FIG. 6

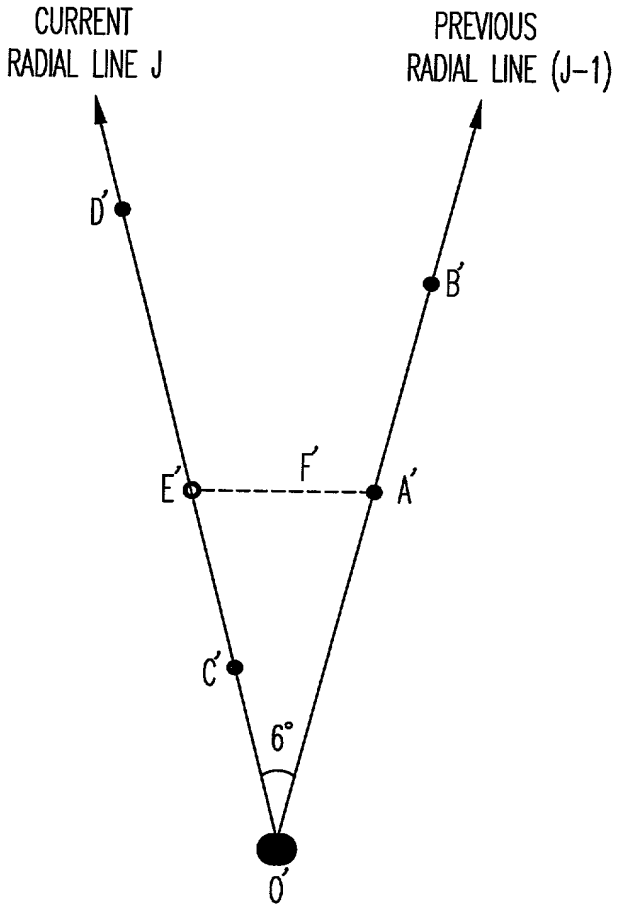

CURRENT
RADIAL LINE J
PREVIOUS
RADIAL LINE (J-1)
D'
B'
E'
F'
A'
C'
6°
O'

FIG. 8

FIG. 7C



FIG. 7B



FIG. 7A

OBLON, SPIVAK, et al.
SERIAL NO:09/990,310
INV: Kunio DOI, ET AL.
DOCKET # 215808US-20
SHEET 8 OF 12

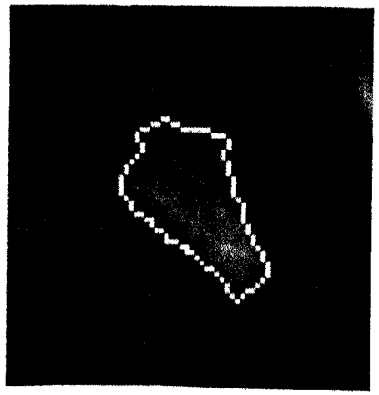


FIG. 9A

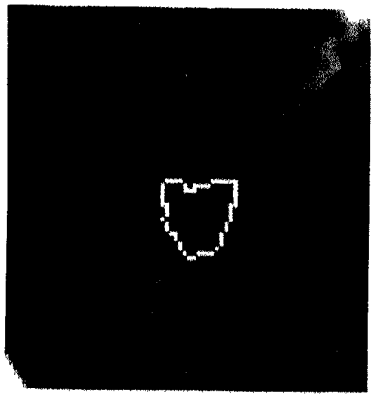


FIG. 9B

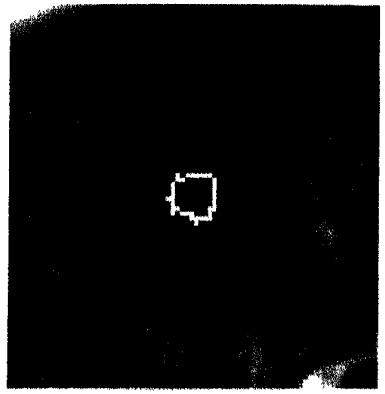


FIG. 9C

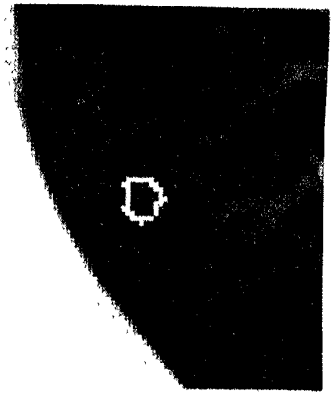


FIG. 9D

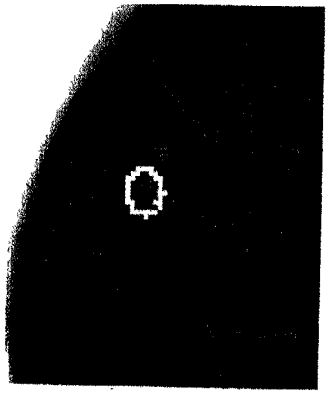


FIG. 9E

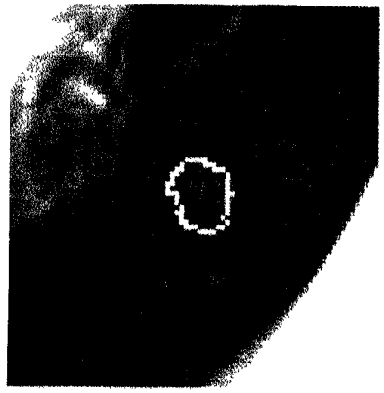


FIG. 9F

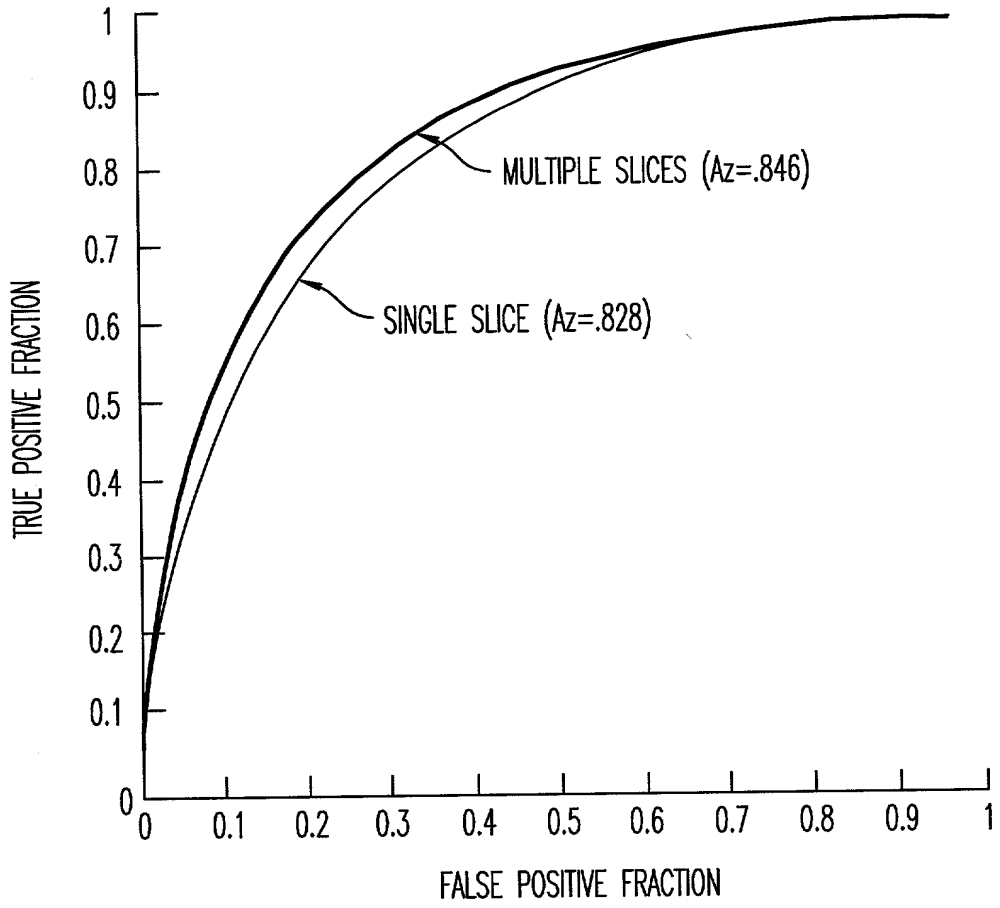

TRUE POSITIVE FRACTION
FALSE POSITIVE FRACTION
MULTIPLE SLICES (Az=.846)
SINGLE SLICE (Az=.828)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

*FIG. 10*

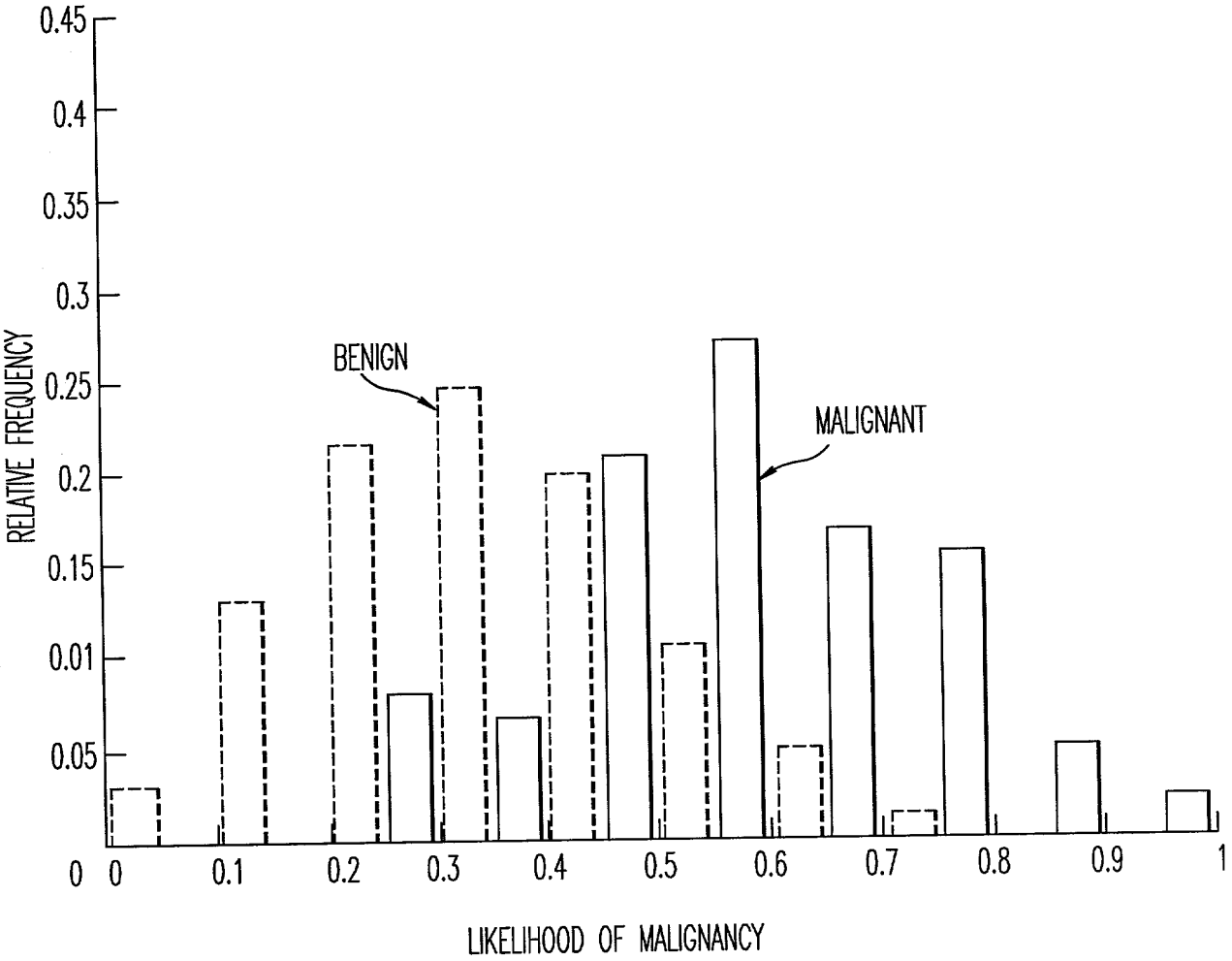

0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.01
0.05
0
RELATIVE FREQUENCY
BENIGN
MALIGNANT
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
LIKELIHOOD OF MALIGNANCY

FIG. 11B

DOCKET # 215808US-20

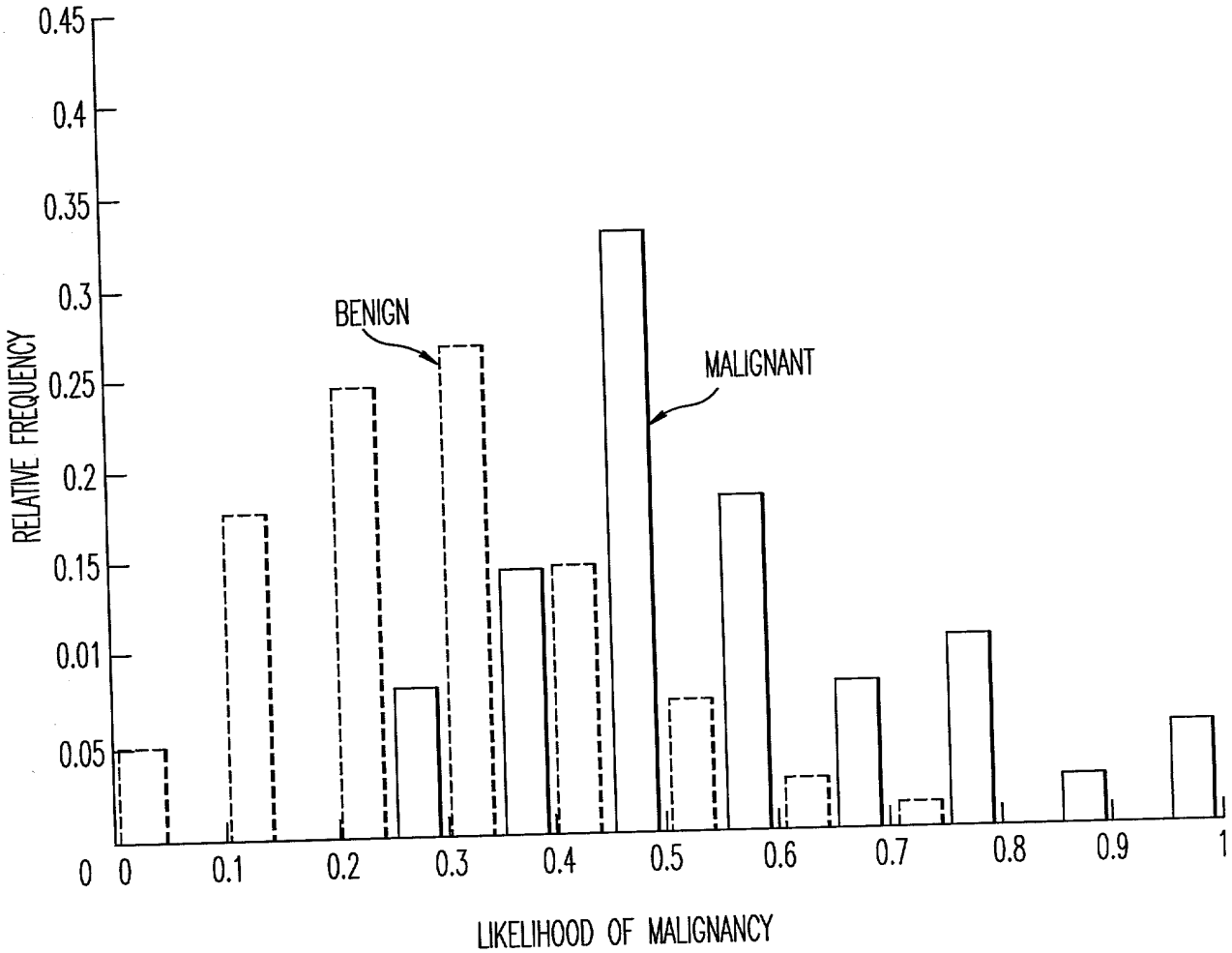



*FIG. 11A*

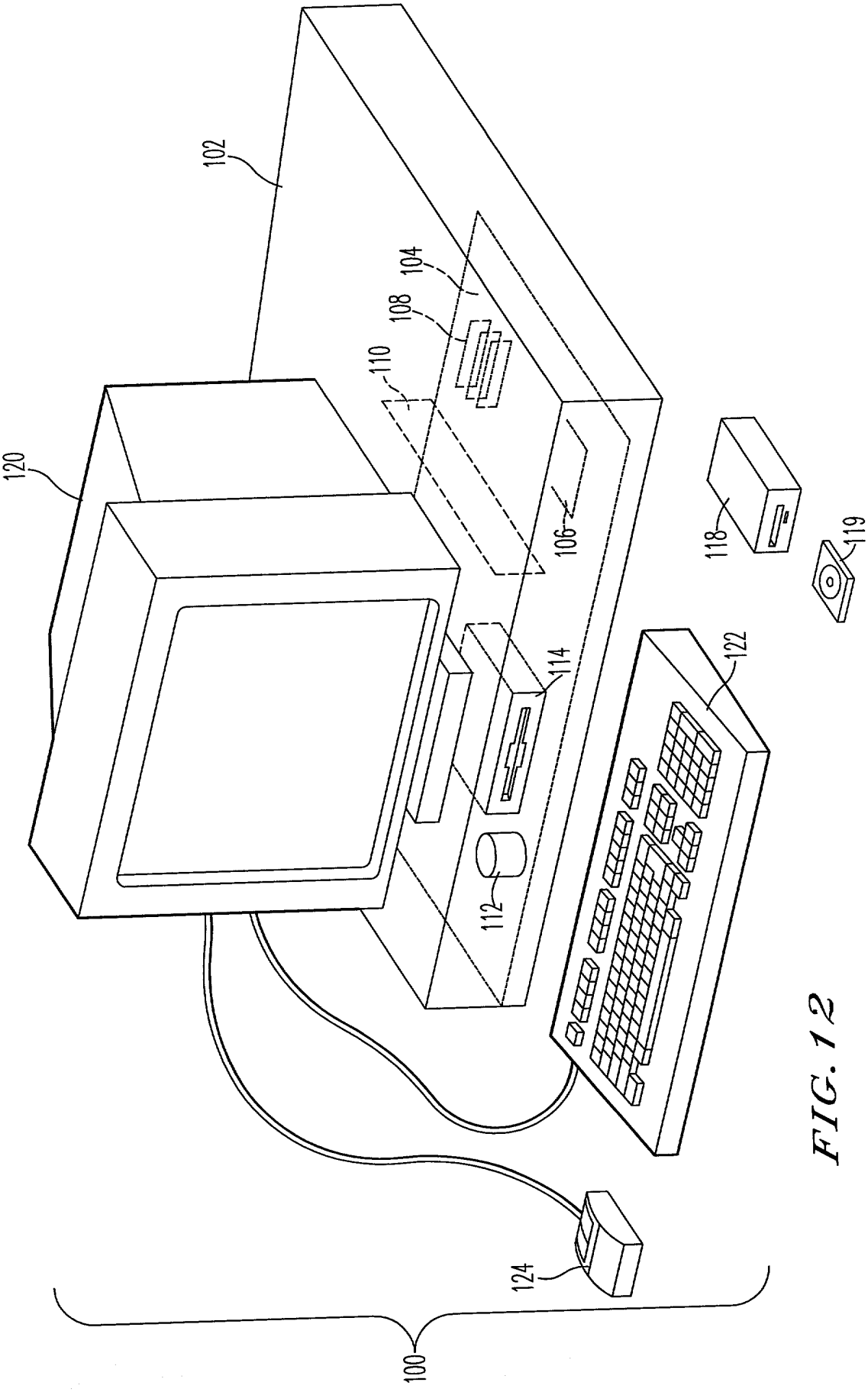



FIG. 12